

IN THE ABSTRACT

Please replace the Abstract as presented in the underlying International Application No. PCT/EP2004/012011 with the following amended Abstract:

ABSTRACT

The invention relates to a combined sensor and heating element (1)-which is suitable, in particular, for the seat of a motor vehicle. Said element comprises a sensor mat provided with a heating arrangement. According to the invention, the sensor mat is embodied as a flexible ~~conductor path~~ printing conductor film comprising a carrier film (2)-and printing conductors conductor paths (4) of a sensor arrangement, which are arranged on the surface of the carrier film (2). The heating conductors (3) of the heating conductor arrangement are arranged on the same carrier film surface between and/or near to the ~~conductor paths~~printing conductors(4) of the sensor arrangement.